

Title (en)

STENTS WITH DRUG RESERVOIR LAYER AND METHODS OF MAKING AND USING THE SAME

Title (de)

STENTS MIT ARZNEI-RESERVOIRSCHICHT UND VERFAHREN ZU IHRER HERSTELLUNG UND VERWENDUNG

Title (fr)

ENDOPROTHÈSES AVEC COUCHE RÉSERVOIR DE MÉDICAMENT ET PROCÉDÉS DE FABRICATION ET D'UTILISATION DE CELLES-CI

Publication

EP 2146757 B1 20110525 (EN)

Application

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Priority

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- US 69740107 A 20070406

Abstract (en)

[origin: US2008249600A1] A method of making drug eluting stents comprises forming ceramic surface coatings of two or more levels of porosity on a stent body. The less porous coating is more conducive to endothelial cell growth, while the more porous coating is better suited for storing and releasing drugs. The surface coatings of different porosities can be produced by coating stent body surface of differing roughness with coatings made by sol-gel method. Differing roughness of the stent body surface can be produced by selective etching of the stent body surface.

IPC 8 full level

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CPC (source: EP US)

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